

Revised

25 CFR 226.65 What site security standards apply to oil and gas and other marketable product leases?

Site facility diagrams. (1) Facility diagrams are required for all facilities which are used in storing oil/condensate. Facility diagrams must be filed within 60 calendar days after new measurement facilities are installed or existing facilities are modified. (2) No format is prescribed for facility diagrams. They are to be prepared on 8 1/2" x 11" paper, if possible, and be legible and comprehensible to a person with ordinary working knowledge of oil field operations and equipment. The diagram need not be drawn to scale. (3) A site facility diagram must accurately reflect the actual conditions at the site and must, commencing with the header if applicable, clearly identify the vessels, piping, metering system, and pits, if any, which apply to the handling and disposal of oil, gas and water. The diagram must indicate which valves must be sealed and in what position during the production or sales phase. The diagram must clearly identify the lease on which the facility is located and the site security plan to which it is subject, along with the location of the plan.

Note this site facility diagram is completely independent from the United States Environmental Protection Agency Spill Prevention Plan requirement.

See Attachment 1

See Attachment 2

See Attachment 3

25 CFR 226.65 What site security standards apply to oil and gas and other marketable product leases?

What valves must be sealed?

General sealing of valves, for oil sales by tank gauging

Production phase: All drain valves, D1 thru D4, and all sales valves, S1 thru S4, sealed closed.

Sales phase: The tank from which sales are being made will be isolated by sealing closed the drain valve (D), fill line valve (F), circulating valve (C), equalizer valve (E) and roll line valve (R).

Draining activity: The tank being drained will be isolated by sealing closed the sales valves (S), fill valve (F), circulating valve (C), equalizer valve (E), and roll line valve (R).

Gas roll line ---- R ----

Seal at all times unless performing tank bottom roll-over activity

Circulating Line ---- C ----

Seal at all times unless performing circulating activity

Drain Line ---- D ----

Seal at all times unless performing draining activity

Equalizer Line ---- E ----

Seal only during sales phase

Fill line ---- F ----

Seal only during sales phase

Gun Barrel ---- GB ---- No Seal

Pipeline/Truck Load Line ---- PL/TL ----

Sales Line ---- S ---- Oil Purchaser's seal - Purchaser will be responsible for this seal

Storage Tank ---- S/T ----

Vent Line ---- V ---- No Seal

Heater Treater ---- HT ----

The lessee will be responsible for furnishing seals in addition to sealing circulating; drain, equalizer, fill and gas roll lines. The operator shall establish and maintain for a minimum of 6 years a recordkeeping system which shall be readily available to the authorized officer or authorized representative upon request and which includes documentation of the number of each seal and the valve on which the seal is used, the date of installation or removal of the seal(s) for each storage tank, including the reason for the removal or installation of each such seal.

See Attachment 1

See Attachment 2

See Attachment 3

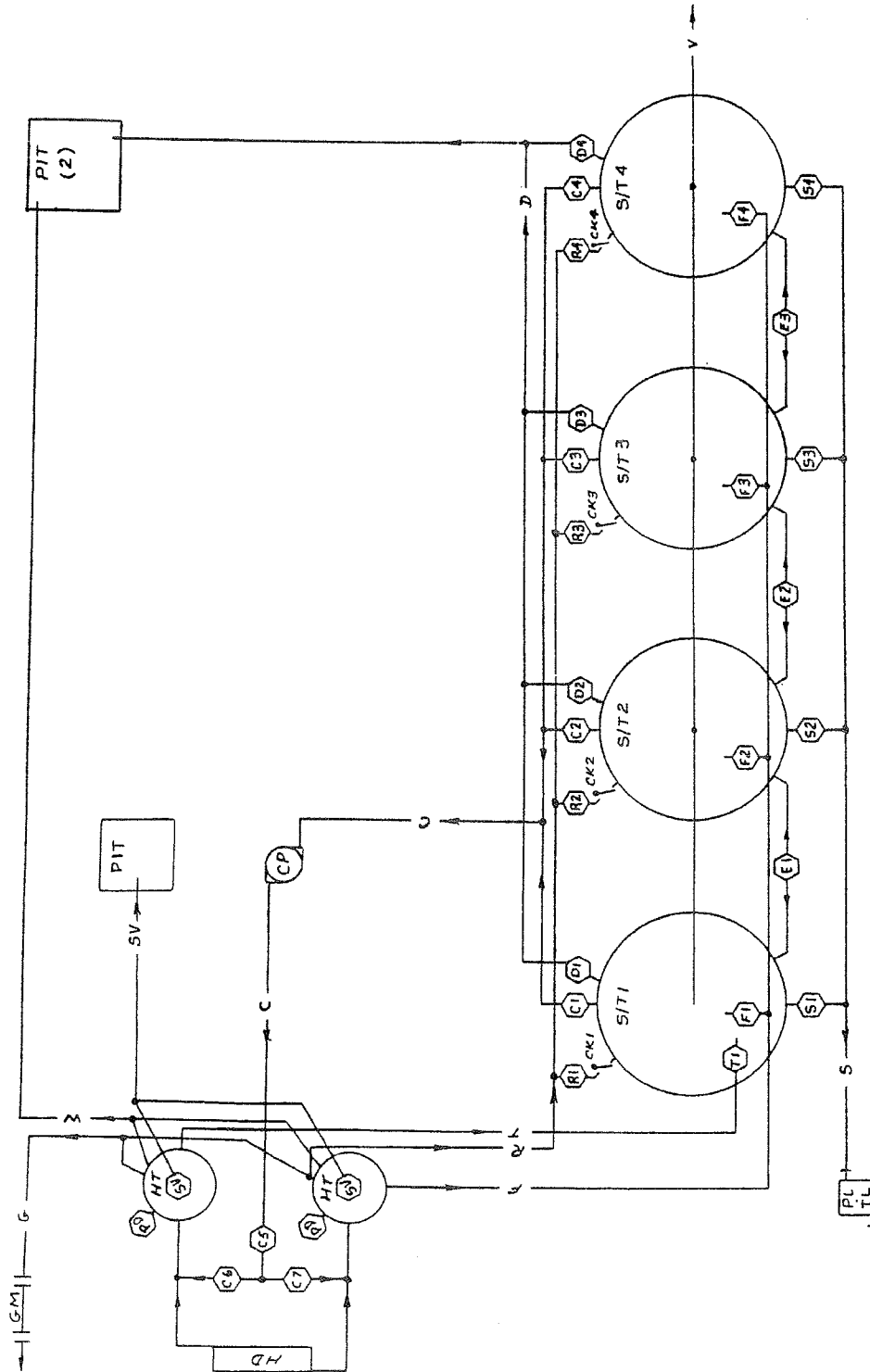
25 CFR 226.62 (c) How does a lessee measure and store Oil?

Prior to sale of oil, lessee must ensure that the Bureau of Indian Affairs, Osage Agency, is informed prior to notification of purchaser. Electronic notice is preferred and can be sent to osagenotice@bia.gov.

Prior to removal of any tank bottoms or water from oil storage tanks, lessee must ensure that the Bureau of Indian Affairs, Osage Agency, is informed 24 hours prior to tank bottom removal. Electronic notice is preferred and can be sent to osagenotice@bia.gov.

SEAL LOG

NO.	REASON FOR REMOVAL OR REASON FOR INSTALLATION	VALVE ON WHICH SEAL IS USED	SEAL NUMBER	DATE OF INSTALLATION	DATE OF REMOVAL
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					



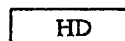
This unit is subject to the site security plan for Northwest New Mexico Operations. The plan is located at: Able Oil Company 212 Federal Blvd. Farmington, NM

Able Oil Company
Lease: Able Shallow Unit
Location: NW 1/4 SE 1/4 Sec. 25,
T. 28 N., R. 13 W.

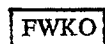
Equipment and Valve Symbols

Item

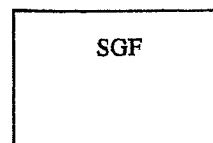
Header – HD



Free water knock – FWKO



Line heater – LH; Steam generation facility – SGF



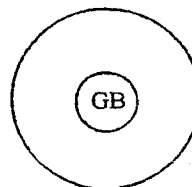
Separator – S



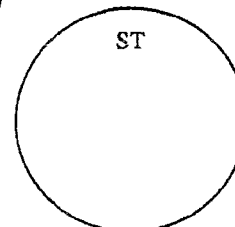
Heater Treater – HT



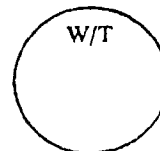
Gun barrel or wash tank – GB



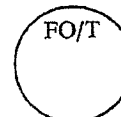
Storage tank – ST



Tank: Water – W/T; Slop oil – SO/T; Surge – ST/T



Tanks: Fuel oil – FO/T; power oil – PO/T



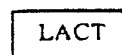
Pit: number of pits – (1)



Valve



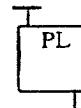
Automated custody transfer unit – LACT



Gas meter run – GM



Connection: Pipeline – PL; Truck loading – TL



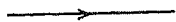
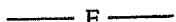
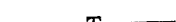


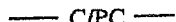
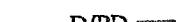






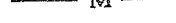


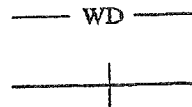
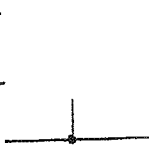

Pump: Circulating – CP; Transfer – TP



Check valve – CK



Line Symbols and Valve Identification

<u>Item</u>	<u>Line Symbol</u>	<u>Valve ID</u>
Direction of flow		
Fill line		F
Test line		T
Equalizer/overflow line		E
Sales line		S
Circulating lines: tank - C; pit - PC		C
Drain line: tank - D; production vessel - PD		D, PD
Tank vent line		V
Gas line		G
Water line		W
Bad oil line (LACT)		B
Safety valve vent line		SV
Miscellaneous access line: royalty oil; lease use		M
Heating lines: contents - O; other media - H		O,H
Fuel line - U; power oil line - PO		U,P
Water disposal line		WD
Lines: not connected		
connected		
Portable well tester outlets		PT
Gas roll line		



06/05/2015



06/05/2015



06/05/2015



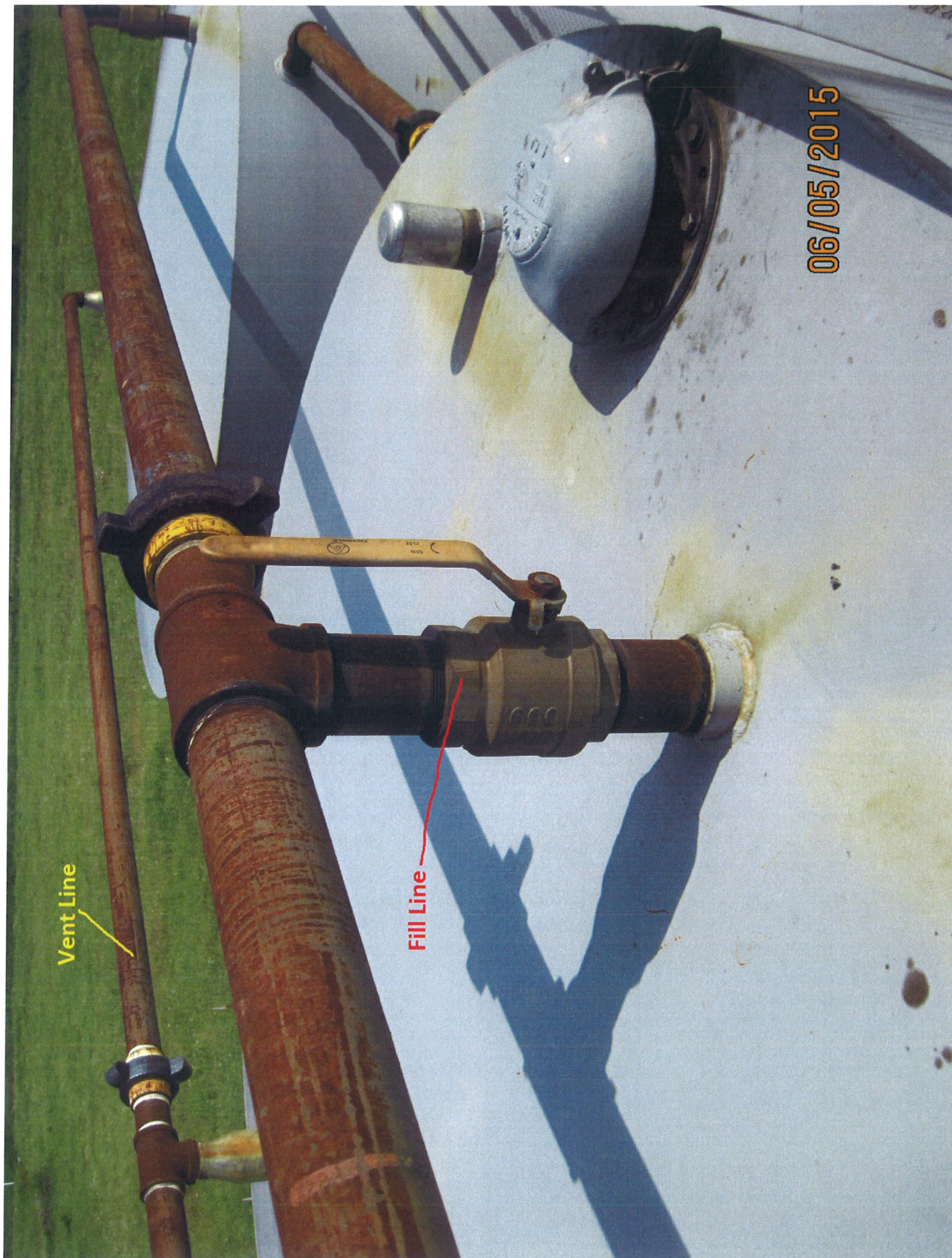
Drain Line

06/05/2015

Vent Line

Fill Line

06/05/2015





Storage Tank

Storage Tank

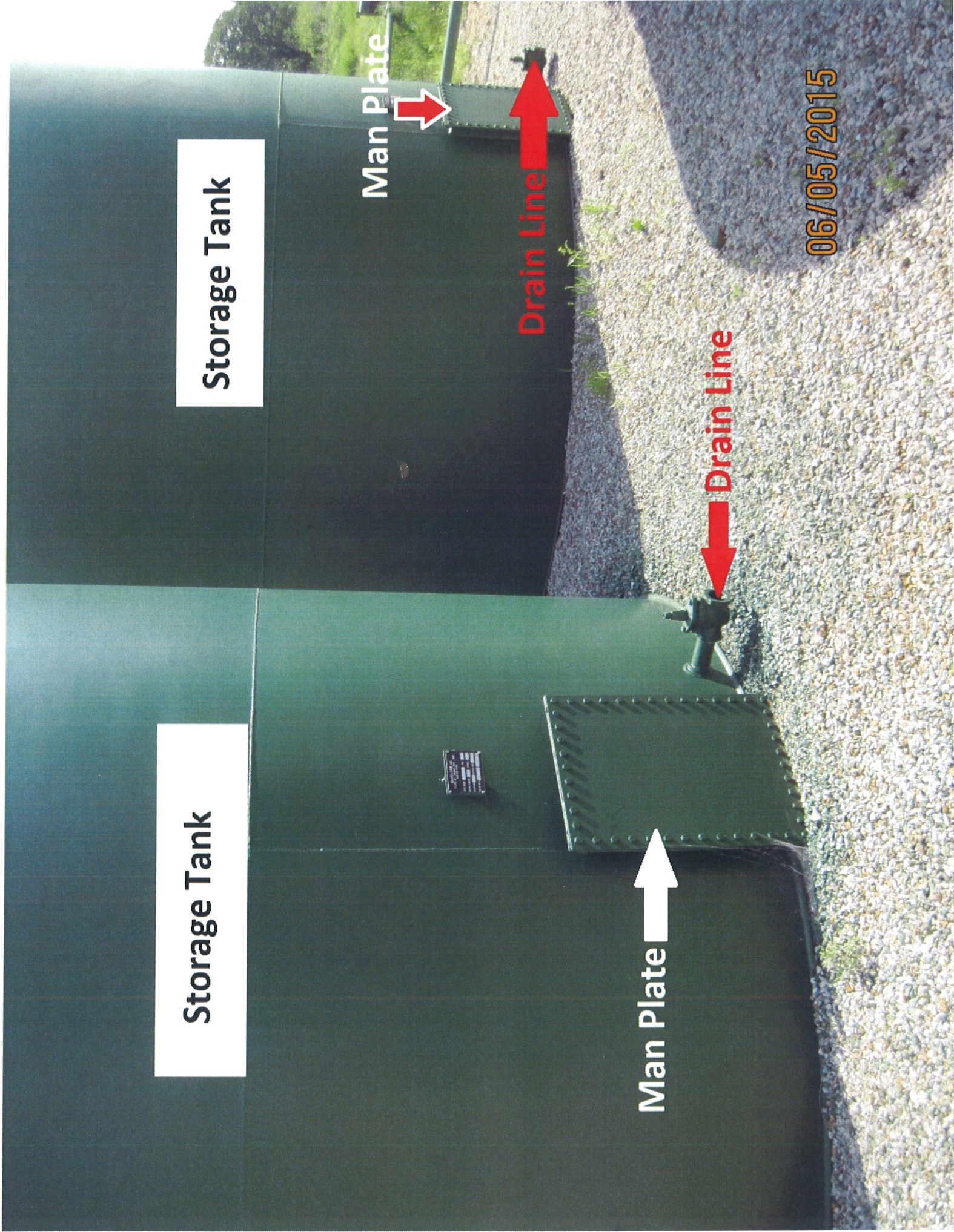
Man Plate

Man Plate

Drain Line

Drain Line

06/05/2015



Sales Line

06/05/2015



Thief Hatch

Fill Line

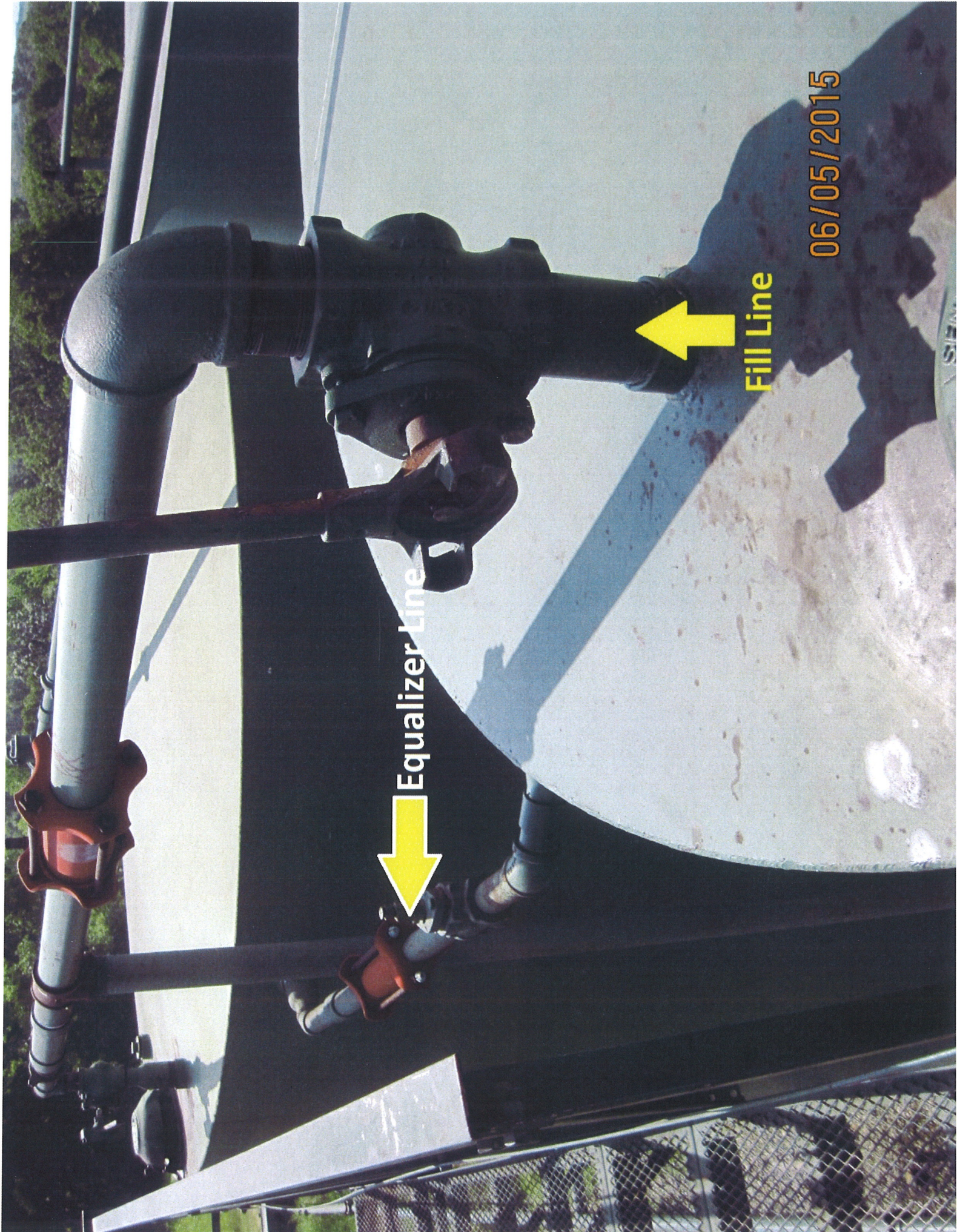
Equalizer Line

Storage Tanks

Sales Line

06/05/2015





Equalizer Line

Fill Line

06/05/2015



Drain
Line

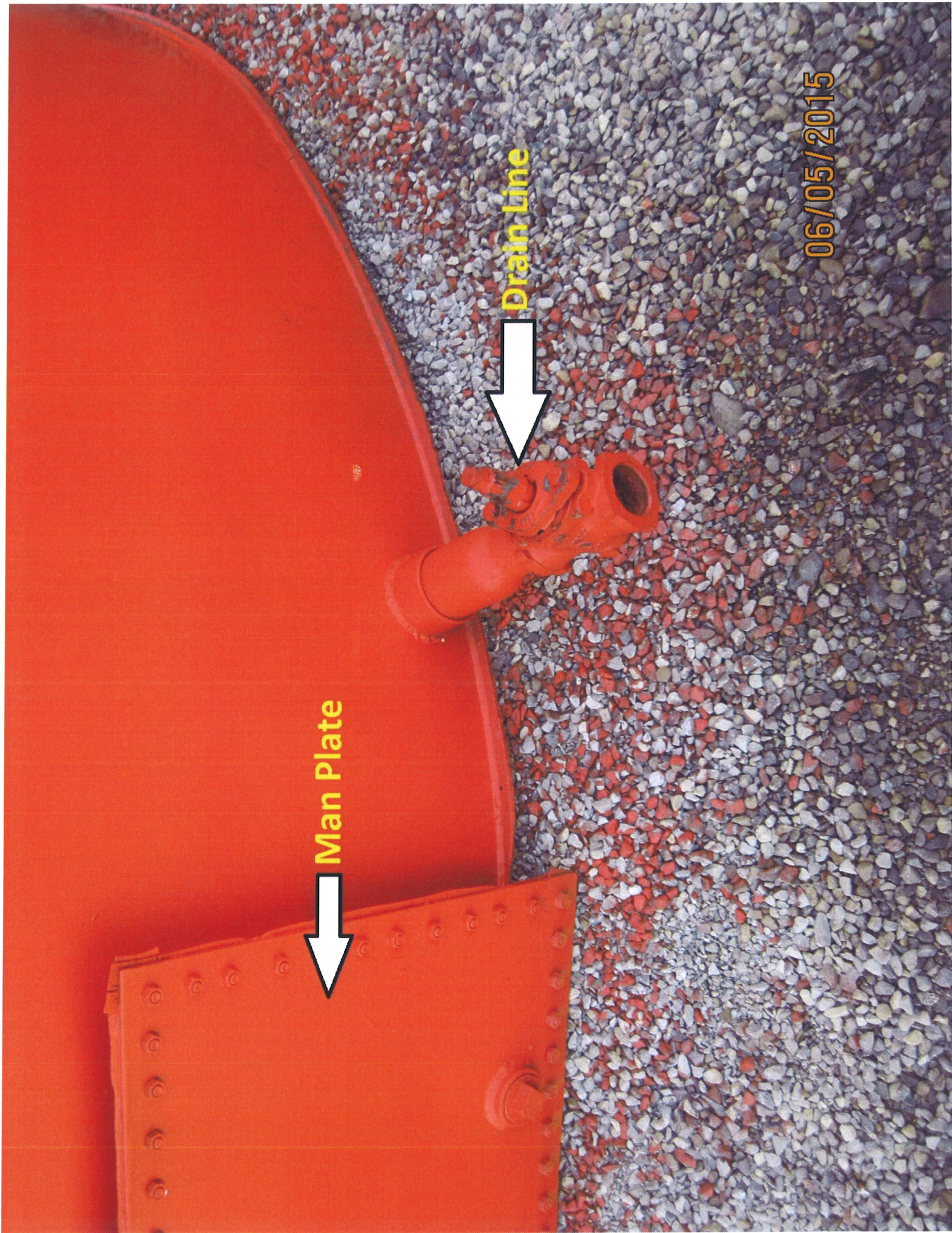
Drain Line

06/05/2015

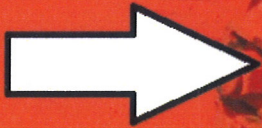
Man Plate

Drain Line

06/05/2015



Sales Line



06/05/2015

Equalizer Line

Fill Line

BECKHAM AND BUTLER PRODUCTION
075-41802
THOMAS TANK BATTERY
NW 1/4 SECTION 31-29N-10E
OSAGE COUNTY, OK

075418
07541801
10-0
1-0
200

07541802
10-0
1-0
200

Storage Tank

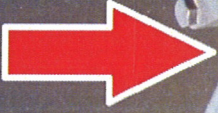
Sales Line

Truck Load Line

06/05/2015



Equalizer Line



06/05/2015

5418
541801
-0

Fill Line



06/05/2015

Thief Hatch



